

Acknowledgement of Submission (#IJE-2103-4029)

International Journal of Engineering <journal@iranjournals.ir>

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Manuscript ID: IJE-2103-4029

Manuscript Title: **Sloshing simulation of the low filling ratio using smoothed particle hydrodynamics**

Authors: Andi Trimulyono,Deddy Chrismianto,Samuel Samuel,Muhammad Hafiz Aslami

Dear Respectful author Prof./ Dr. **Mr. Andi Trimulyono**

I wish to acknowledge receiving of the above mentioned manuscript.

It should be noted that the manuscript will be reviewed for possible publication in International Journal of Engineering.

Please be sure that the submitted manuscript has not been published previously and will not be submitted elsewhere prior to our decision.

Our editorial decision will be brought to your attention once the paper has been reviewed due the referees consideration.

I wish to take this opportunity to thank you for sharing your work with us.

Truly yours,

Executive managing Editor of **International Journal of Engineering**

Assign Manuscript to Editor (#IJE-2103-4029)

International Journal of Engineering <journal@iranjournals.ir>

Rab 10/03/2021 02.59

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Dear Respectful Editor Prof./ Dr.**Prof. G. H. Farrahi**

You have been appointed as Special Editor to handle this Manuscript.

Please select and invite the reviewers for the manuscript. We normally identify the potential reviewers to evaluate the onsite blind; that means authors should not know their reviewers.

Truly yours,

Editor-in-Chief of **International Journal of Engineering**

BIs: Manuscript Needs Major Revision (#IJE-2103-4029 (R1))

Andi Trimulyono <anditrimulyono@lecturer.undip.ac.id>

Sen 29/03/2021 19.25

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Dear Editor

International Journal of Engineering,

Thank you for your email. I will revise the manuscript as a reviewer's comments and resubmit it based on the website's due date.

Best regards,

Andi Trimulyono

Dari: International Journal of Engineering <journal@iranjournals.ir>

Dikirim: Jumat, 26 Maret 2021 03.35

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Subjek: Manuscript Needs Major Revision (#IJE-2103-4029 (R1))

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Authors: Andi Trimulyono, Deddy Chrismianto, Samuel Samuel, Muhammad Hafiz Aslami

Dear Respectful Author Prof./ Dr. **Mr. Andi Trimulyono**

Your manuscript required major revisions. In this case we normally treat it as unacceptable for publication. However, as numerous editorial errors have pointed out by the reviewers, the **International Journal of Engineering** editor believes that the manuscript could be rectified and prepare for possible publication. We required itemized answer and rebuttal letter to respond all specified reviewers. A marked or highlighted manuscript is required to observe any changes and revision made by the respectful author.

Please let us know your views and respond in this regard and in the case of positive response, reply us within 7 days time.

Truly yours,

Editorial Office of **International Journal of Engineering**

Reviewers Recommendation:

Reviewer 1:

Reviewer Comment For Author:

Comment 1: More suitable title should be selected for the article.

Comment 2: The three main criteria for this manuscript are: (a) quality and content of the research/review; (b) Quality, brevity and clarity of presentation; (c) Significance, relevance and timeliness of the topic. In addition, this title is (i) coverage of the literature/significant developments in the field, or clarity of discussion within an emerging topic; (ii) originality, new perspectives or insights; (iii) international interest; and (iv) relevance for governance, policy or practical perspectives relevant to the focus of this manuscript. However, this study is lacking most of important criteria. Hence, I think the author needs to consider these criteria before your submission.

Comment 3: The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separately from the article, so it must be able to stand alone.

Comment 4: Literature review is not enough. There some articles, which must be added to literature review:

Gholami & Baharlouii. Monitoring Long-term Mangrove Shoreline Changes along the Northern Coasts of the Persian Gulf and the Oman Sea;

Yamini et al. Wave run-up and rundown on ACB Mats under granular and geotextile filters' condition;

Sengupta et al. Computational Fluid Dynamics Analysis of Stove Systems for Cooking and Drying of Muga Silk;

Yamini et al. Experimental investigation of using geo-textile filter layer in articulated concrete block mattress revetment on coastal embankment.

Comment 5: The major defect of this study is the debate or Argument is not clear stated in the introduction session. Hence, the contribution is weak in this manuscript. I would suggest the author to enhance your theoretical discussion and arrives your debate or argument.

Comment 6: Especially, the introduction section needs to re-organize. The major debate or Argument is not clear stated in the introduction session.

Hence, the contribution debates are weak in this manuscript. I would suggest the author to enhance your literature discussion and arrives your debate or argument.

Comment 7: Please avoid reference overkill/run-on, i.e. do not use more than 3 references per sentence.

Comment 8: Please make sure your conclusions' section underscore the scientific value added of your paper, and/or the applicability of your findings/results, as indicated previously. Please revise your conclusion part into more details. Basically, you should enhance your contributions, limitations, underscore the scientific value added of your paper, and/or the applicability of your findings/results and future study in this session.

Reviewer 2:

Reviewer Comment For Author:

- Abstract section should refer to the study findings, methodologies, discussion as well as conclusion. It is suggested to present the abstract in one 200-250 words paragraph.

- The major defect of this study is the debate or Argument is not clear stated in the introduction session. Hence, the contribution is weak in this manuscript. I would suggest the author to enhance your theoretical discussion and arrives your debate or argument.

- It is important to cite all equations into the main text.

- More suitable title should be selected for the figure 7 instead of "Comparison of free surface deformation in 3D simulation".

- It is suggested to add articles entitled "Borowski, P. F. New Technologies and Innovative Solutions in the Development Strategies of Energy Enterprises" and "Fazelabdolabadi and Golestan. Towards Bayesian Quantification of Permeability in Micro-scale Porous Structures – The Database of Micro Networks" to the literature review.

- Page 3: the following paragraph is unclear, so please reorganize that:

"Hydrostatic pressure shows by Figure 1 showed hydrostatic pressure is well predicted by SPH. The accuracy of static pressure depicts from the color gradient which is a red color for high pressure located in the bottom of the tank both for single-phase and two-phase SPH. The difference from analytic solution is below 3%, it shows by the legend of the figure."

- It is suggested to compare the results of the present research with some similar studies which is done before.

- Much more explanations and interpretations must be added for the Results, that's not enough.

- It is suggested to organize Conclusion section much better. This section should present in one 250-300 words paragraph.

Acknowledgement of Revision (#IJE-2103-4029 (R1))

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Sab 03/04/2021 00.47

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Manuscript ID: IJE-2103-4029 (R1)

Manuscript Title: **Single-phase and Two-phase Smoothed Particle Hydrodynamics for Sloshing in the Low Filling Ratio of the Prismatic Tank**

Authors: Andi Trimulyono, Deddy Chrismianto, Samuel Samuel, Muhammad Hafiz Aslami

Date: 2021-03-07

Dear Respectful Author Prof./ Dr. **Mr. Andi Trimulyono**

Thank you for submitting the revised file of your manuscript to the **International Journal of Engineering**

The Editorial Office will proceed on your manuscript and inform you in the earliest time.

If there is anything else, please do not hesitate to contact us.

Truly yours,

Executive Managing Director of **International Journal of Engineering**

Scientific Acceptation of Manuscript (#IJE-2103-4029 (R1))

International Journal of Engineering <journal@iranjournals.ir>

Sel 06/04/2021 03.33

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Dear IJE Respectful Author

I am pleased to inform you about your submitted manuscript to **International Journal of Engineering (IJE)** via online submission system. Your paper after revision has been accepted as a research article for publication in IJE Transactions. Your manuscript is scheduled to appear in the coming issue of IJE regular journal publication. IJE is indexed by Emerging Sources Citation Index since January 2017. Thanks for your valued scientific contributions. Looking forward to see more research papers submissions.

Regards

IJE Editor in Chief